

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Karen Duff

Title: TRANSGENIC MICE COMPRISING A GENOMIC HUMAN TAU TRANSGENE

Docket No.: 1310.002US1

Filed: July 16, 2003

Examiner: Unknown



Serial No.: 10/620,840

Due Date: N/A

Group Art Unit: 1632

MS Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

☒ A return postcard.

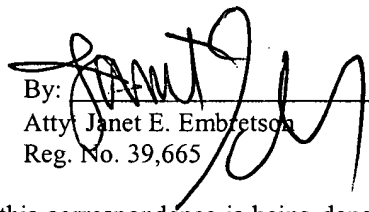
☒ A Supplemental Information Disclosure Statement (2 pgs.), Form 1449 (2 pgs.), and copies of ²⁴25 cited documents.

☐ A check in the amount of \$180.00 to cover the fee for consideration of Information Disclosure Statement under 97(c).

If not provided for in a separate paper filed herewith, Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

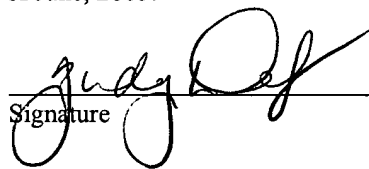
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By: 
Atty Janet E. Embretson
Reg. No. 39,665

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 30 day of June, 2005.

Judy Dent

Name


Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

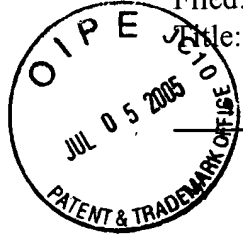
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S/N 10/620,840

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Karen Duff	Examiner:	Unknown
Serial No.:	10/620,840	Group Art Unit:	1632
Filed:	July 16, 2003	Docket:	1310.002US1
Title:	TRANSGENIC MICE COMPRISING A GENOMIC HUMAN TAU TRANSGENE		



SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Supplemental Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Supplemental Information Disclosure Statement considered.

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

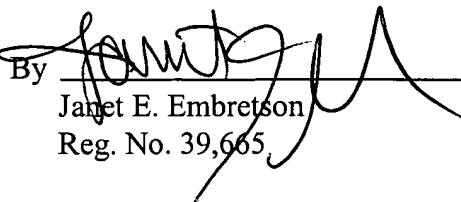
Respectfully submitted,

KAREN DUFF

By ^{her}~~his~~ Representatives,

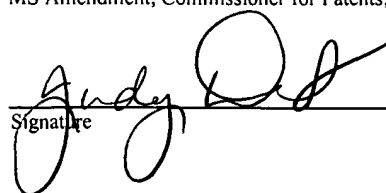
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Date June 28, 2005

By 
Janet E. Embretson
Reg. No. 39,665

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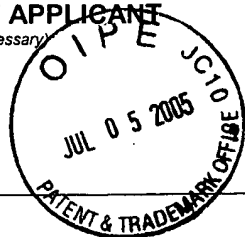
Judy Dent
Name


Signature

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	10/620,840
Filing Date	July 16, 2003
First Named Inventor	Duff, Karen
Group Art Unit	1632
Examiner Name	Unknown

Sheet 1 of 2

Attorney Docket No: 1310.002US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-6,593,512	07/15/2003	Vitek, M. P., et al.	03/02/2000

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ²
	WO-0153340A2	07/26/2001	Gurney, Mark, et al.	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ANDREADIS, A., et al., "Structure and Novel Exons of the Human tau Gene", <u>Biochemistry</u> , 31, (1992), 10626-10633	
		ARANDA-ABREU, G E., et al., ". Embryonic lethal abnormal vision-like RNA-binding proteins regulate neurite outgrowth and tau expression in PC12 cells.", <u>Journal of Neuroscience</u> , 19(16), (1999), 6907-17	
		BEHAR, L, et al., "cis-acting signals and trans-acting proteins are involved in tau mRNA targeting into neurites of differentiating neuronal cells.", <u>International Journal of Developmental Neuroscience</u> , 13(2), (1995), 113-27	
		BRAAK, E, et al., "A sequence of cytoskeleton changes related to the formation of neurofibrillary tangles and neuropil threads", <u>Acta Neuropathologica</u> , 87(6), (1994), 554-67	
		BRION, J P., et al., "Transgenic expression of the shortest human tau affects its compartmentalization and its phosphorylation as in the pretangle stage of Alzheimer's disease.", <u>American Journal of Pathology</u> , 154(1), (1999), 255-70	
		DAWSON, HANA N., et al., "Inhibition of Neuronal Maturation in Primary Hippocampal Neurons from Tau Deficient Mice", <u>Cell Science</u> , 114, (2001), 1179-1187	
		DAWSON, HANA N., et al., "Tau Distribution in a Human Tau Gene Transgenic/Mouse Tau Knock-Out Model", <u>Society for Neuroscience</u> , 25, Miami Beach, FL, Abstract No. 317.1, (1999), 1 pg.	
		GOEDERT, M., et al., "Cloning and Sequencing of the cDNA Encoding a Core Protein of the Paired Helical Filament of Alzheimer Disease: Identification as the Microtubule-Associated Protein Tau", <u>Proc. Natl. Acad. Sci. USA</u> , 85, (June, 1988), 4051-4055	
		GOEDERT, M., et al., "Cloning and Sequencing of the cDNA encoding an isoform of microtubule-associated Protein Tau Containing Four Tandem Repeats: differential expression of tau protein mRNAs in human brain", <u>The EMBO Journal</u> , 8, (1989), 393-399	
		GOEDERT, M, et al., "Tau gene mutation in familial progressive subcortical gliosis", <u>Nature Medicine</u> , 5(4), (1999), 454-7	

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/620,840
Filing Date	July 16, 2003
First Named Inventor	Duff, Karen
Group Art Unit	1632
Examiner Name	Unknown

Sheet 2 of 2

Attorney Docket No: 1310.002US1

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		GOTZ, J., et al., "Somatodendritic Localization and Hyperphosphorylation of Tau Protein in Transgenic Mice Expressing the Longest Human Brain Tau Isoform", <u>The EMBO Journal</u> , 14, (1995), 1304-1313	
		GROVER, A, et al., "5' splice site mutations in tau associated with the inherited dementia FTDP-17 affect a stem-loop structure that regulates alternative splicing of exon 10", <u>Journal of Biological Chemistry</u> , 274(21), (1999), 15134-43	
		HAUDEBINE, L., "The Methods to Generate Transgenic Animals and to Control Transgene Expression", <u>Journal of Biotechnology</u> , 98, (2002), 145-160	
		IKONOMOVIC, M D., et al., "The loss of GluR2(3) immunoreactivity precedes neurofibrillary tangle formation in the entorhinal cortex and hippocampus of Alzheimer brains", <u>Journal of Neuropathology & Experimental Neurology</u> , 56(9), (1997), 1018-27	
		JICHA, G A., et al., "A conformation- and phosphorylation-dependent antibody recognizing the paired helical filaments of Alzheimer's disease", <u>Journal of Neurochemistry</u> , 69(5), (1997), 2087-95	
		JICHA, G A., et al., "Alz-50 and MC-1, a new monoclonal antibody raised to paired helical filaments, recognize conformational epitopes on recombinant tau", <u>Journal of Neuroscience Research</u> , 48(2), (1997), 128-32	
		JICHA, G A., et al., "Sequence requirements for formation of conformational variants of tau similar to those found in Alzheimer's disease", <u>Journal of Neuroscience Research</u> , 55(6), (1999), 713-23	
		KAPPEL, C. A., et al., "Regulating Gene Expression in Transgenic Animals", <u>Current Opinion in Biotechnology</u> , 3, (1992), 548-553	
		KOSIK, K S., et al., "Tau in situ hybridization in normal and Alzheimer brain: localization in the somatodendritic compartment", <u>Annals of Neurology</u> , 26(3), (1989), 352-61	
		LEE, V. M., et al., "Neurodegenerative Tauopathies: Human Disease and Transgenic Mouse Models", <u>Neuron</u> , 24 (3), (Nov. 1999), 507-510	
		MURRELL, J. R., et al., "Familial Multiple-System Tauopathy with Presenile Dementia Is Localized to Chromosome 17", <u>Am. J. Hum. Genet.</u> , 61, (1997), 1131-1138	
		REFOLO, L., et al., "Phenotype of Transgenic Mice Over-Expressing A Normal Human Tau Gene", <u>Society for Neuroscience Abstracts</u> , 25 (1-2), (Oct. 1999), 790	
		SIGMUND, C. D., "Viewpoint: Are Studies in Genetically Altered Mice Out of Control?", <u>Arterioscler Thromb Vasc Biol</u> , (June 2000), 1425-1429	

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional) ² Applicant is to place a check mark here if English language Translation is attached